CLADIMED
Association for the Classification of Medical Devices and other health products.

M. VENTURA – GS1- HUG - 22/09/06
Nomenclature: System of terms that is elaborated according to pre-established naming rules, for describing and identifying things (medical devices) in an unambiguous manner. Terms are assigned with a unique code and a définition.

GMDN
Definition (2)

- **Classification**: Act or process of putting things (medical devices) into hierarchical groups, according to a specific goal.
Examples of classifications

- CND: Classificazione Nazionale dei Dispositivi Medici (Italie)
  - Classification by type of devices, not by organ or system
- UNSPSC: United Nations Standard Products and Services Classification
- CLADIMED: Classification des dispositifs médicaux
Cladimed principles (1)

- Devices are divided into different groups
  - according to the organ or system on which they act
  - according to their main use
  - according to validated indications
- A device can only be classified in one location
- Modifications are made when new groups are required or if the actual classification is not adapted.
Cladimed principles (2)

- Modifications are agreed by the scientific committee.
- Modifications are submitted to manufacturers and users for comments or objections.
- Modifications are included in the classification once a year, in December.
Classification structure

- **5 Levels**
  - **Family** A to Z
  - **Sub-Family** 50 to 99
    - (Pharmaceutical drugs < 50)
  - **Range** A to Z
  - **Sub-Range** A to Z
  - **Level 5** 1 to 99
Key dates

• 1995: Classification created by pharmacist purchaser (AP-HP), in collaboration with manufacturers.
  – no other classification were available
  – AP-HP purchasers had to manage 100,000 items of medical devices
• 2001: Publication in an hospital’s newspaper; the first version can be downloaded on Internet.
• 2003: First meeting (users, manufacturers)
• 2004: Creation of CLADIMED association
• 2005: Creation of the scientific committee
• 2007: First implementation?
<table>
<thead>
<tr>
<th><strong>CLADIMED association</strong></th>
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<tbody>
<tr>
<td>• To develop and promote a classification which is compatible with the ATC classification for drugs (WHO).</td>
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<tr>
<td>– For medical devices and other health products (except for drugs)</td>
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CLADIMED association

• Members
  – Everyone who is in charge of medical devices.
    • Manufacturers
    • Suppliers
    • Software editors
    • Hospital pharmacists
    • Nurses
    • Hospitals
    • Associations
    • …
Board of directors (1)

- Permanent association members
  - ACL (manufacturers association)
  - APPAMED (professional trade organization)
  - CNIHM (hospital pharmacist association)
  - EUROPHARMAT (hospital pharmacists and manufacturers association)
  - SNITEM (professional trade organization)
  - SNPHPU (hospital pharmacist trade union)
  - SYNPREPH (hospital pharmacist trade union)
Board of directors (2)

- Corporate members
  - COLOPLAST
  - SOFRADIM
  - BECTON DICKINSON
  - VIDAL

- Individual members
  - B. BENOIT, P.Y. CHAMBRIN, O. SELLAL (hospital pharmacists)
  - M. VENTURA (former hospital pharmacist)
Scientific committee

- To guarantee quality in case of modifications
  - Pr. G. AULAGNER (CHU Lyon)
  - Dr. M. BOUILLET (J&J)
  - Dr. J.F. FORGET (VIDAL)
  - Dr. O. SELLAL (CHU Nantes)
  - Dr. D. GOEURY (CEPP) (HTA body)
  - To be completed up to 15 members
    
    + Chairmen of working groups
Working groups

- Wound - Bandage
- Surgical reinforcement implants
- Orthopaedic prosthesis

- Coming soon
  - Endoscopy
Key facts

• CLADIMED
  – Selected for e-procurement by CHU’s organization
  – Used or to be used by
    • Hospices civils of Lyon, AP-HP, hospitals of Dunkerque, Lille, Lunéville, Montpellier, Paray le Monial, Poitiers, Nantes, Nîmes, Strasbourg, Rouen, Tours…
    • CACIC, CAHPP, Générale de Santé.
  – Selected by ARH (regional hospitalisation agency) Rhône Alpes
To conclude

- CLADIMED is a classification, not a nomenclature
- CLADIMED will be linked to GMDN
- CLADIMED will be the reference classification in France
• Family
  – Sub-Family
    • Range
      – Sub-Range
    » Level 5

UNSPSC

CND

GMDN preferred term

Other Classifications
Example

• **M - SYSTEME MUSCULAIRE ET SQUELETTE**
  (MUSCULO-SKELETAL SYSTEM)
  – **M50** CONTENTION ET IMMOBILISATION
  – **M52** RECONSTRUCTION
  – **M53** CHIRURGIE DU RACHIS
  – **M54** CHIRURGIE PLASTIQUE, RECONSTRUCTRICE ET MAXILLOFACIALE
  – **M55** IMPLANTS OSSEUX
  – **M56** ACCESSOIRES ORTHOPEDIQUES
• M – Système musculaire et squelettique
  – M52 – Reconstruction
    • M52A – Membres supérieurs prothèses
      – M52AA – Prothèse d’épaule
        » M52AA16 – Implant épaule, huméral monobloc
        » M52AA17 – Implant épaule, huméral modulaire
        » M52AA18 – Implant épaule, glénoïdien
        » M52AA19 – Implant épaule, tête
        » M52AA20 – Implant épaule, insert
        » M52AA21 – Implant épaule, huméral, re-surfaçage
        » M52AA98 – Implant épaule, complément
        » M52AA99 – Implant épaule, autre
Example

- **M – Système musculaire et squelettique**
  - **M52 – Reconstruction**
    - **M52C – Membres inférieurs prothèses**
      - **M52CA – Prothèse de hanche**
        » M52CA45 – Implant hanche, insert
        » M52CA46 – Implant hanche, tête
        » M52CA47 – Implant hanche, cotyloïdien
        » M52CA48 – Implant hanche, cupule fixe
        » M52CA49 – Implant hanche, cupule mobile
        » M52CA50 – Implant hanche, fémoral modulaire
        » M52CA51 – Implant hanche, fémoral monobloc, bipolaire
        » M52CA52 – Implant hanche, fémoral monobloc, unipolaire
        » M52CA53 – Implant hanche, fémoral, re-surface
        » M52CA54 – Implant hanche, fond de cotyle
        » M52CA98 – Implant hanche, complément
        » M52CA99 – Implant hanche, autre